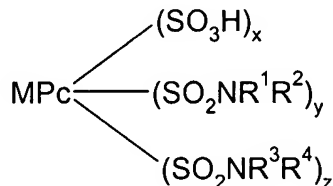


ABSTRACTPhthalocyanines And Their Use In Ink-Jet Printers

5 A composition comprising:

(a) a major dye component which is a mixture of phthalocyanine dyes of Formula (1) and salts thereof:



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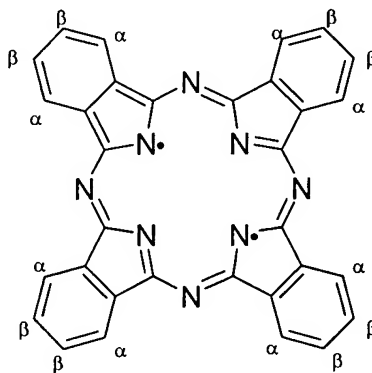
Formula (1)

wherein:

M is Cu or Ni;

Pc represents a phthalocyanine nucleus of formula

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R^1 , R^2 and R^3 independently are H or optionally substituted C_{1-4} alkyl;

R^4 is optionally substituted C_{1-4} -hydroxyalkyl;

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x is 0.1 to 3.8;

y is 0.1 to 3.8;

z is 0.1 to 3.8;

the sum of (x+y+z) is 4; and

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the substituents, represented by x, y and z, are attached to a β position on the phthalocyanine ring; and

(b) a liquid medium which comprises water, water and an organic solvent or an organic solvent free from water. Also novel dyes, ink-jet printing processes, printed images, printers and cartridges.